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Subject: Hurricane Sandy - HQ EOC Management Report for November 8
Date: 11/08/2012 09:24 AM
Attachments: [Final Management Report 11_8.docx](#)

Below is today's HQ EOC Hurricane Sandy Management Report.

For ease of Blackberry use, the situation summary is provided below in the body of this e-mail. The full report is provided as an attachment. Please keep in mind that this report is "For Internal Use Only".

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Final Management Report 11_8.docx



For Internal Use Only
Hurricane Sandy– EPA Activities
EPA Internal Update: November 8, 9:30 AM

Information contained in this report reflects HQ and regional reporting from most recently completed operational period and includes spot reports provided by HQ, regional, and interagency sources.

EXECUTIVE SUMMARY

- Edison had approximately 3-4" of snow overnight from the latest winter storm. There are some road closures, downed power lines, and coastal erosion that the Region expects to begin addressing today. In general, work terminated early on 11/7.

- The R2 EOC has activated contingency plans for field crews as a result of the storm, including reassignment of responsibilities to NJ field personnel. They are now conducting telephonic surveys of drinking water and wastewater treatment facilities.
- In New York, operations continued in Suffolk, Nassau, Rockland, and Westchester Counties along with New York City (NYC). Household hazardous waste (HHW) staging areas, two in Staten Island and one in Queens, have been established by the Department of Sanitation. EPA visited the facilities and is coordinating with officials for the management and removal of materials collected. Also in Staten Island, EPA continued to assist the USCG on conducting shoreline assessments and staff the USCG Unified Command
- EPA crews went to the DOH in Rockland County to meet regarding water facilities. At this point the county has coordinated with all facilities in their jurisdiction and does not require additional assistance from EPA.
- Regulated facilities and Superfund Sites continued to be assessed. Telephonic surveys of Risk Management Plan (RMP), Spill Prevention Control and Countermeasure (SPCC), Facility Response Plan (FRP), and RCRA facilities detail any potential threats established by Hurricane Sandy.
- DOT HazMat transportation waivers are in the process of being authorized. Once approved, EPA will be able to transport HHW and orphaned containers to established collection stations and assist the City of New York in the proper recycling and disposal of collected materials.
- Work continued at two Superfund remedial sites but not Gowanus and at the Zubrugg Hospital removal.
- OECA issued a waiver addressing various Clean Air Act (CAA) stationary and mobile source requirements to increase production of diesel and gasoline that would not meet applicable fuel standard requirements and is providing technical assistance to the Passaic Valley Sewerage Commission (PVSC) to facilitate temporary disposal of non-hazardous, untreated sludge in out-of-state landfills.
- ASPECT conducted a survey along the Delaware River up to the I-295 bridge. In addition, images of 5 waste water treatment facilities and Superfund sites (both remedial and removal) were taken along an area approximately 20 miles from the New Jersey coast. Images were collected and are being processed at this time.
- The Region 2 Clean Waters ocean survey vessel completed ocean water surveys from Barnegat to Sandy Hook. The DESA Microbiology Laboratory will analyze the samples.

HQ EOC

- The Headquarters EOC remains activated at Level 1.
- Agency for Toxic Substances and Disease Registry desk in the EOC is operational as of 11/7.
- Region 8 has provided a removal manager to fill the Deputy/EOC Manager position for the next week.

EOC Public Information

- PIOs have responded to over 30 Hurricane Sandy media requests including major media such as the Wall Street Journal, New York Times, and the Associated Press.
- EPA.gov/sandy continues to be updated with news releases, fact sheets and FAQs.
- A narrative and further information to tell EPA's story will be uploaded to the web within the next day or two.
- We continue to push safety messages out on EPA's social media sites on available resources as well as amplifying FEMA and state/local resources and posts.

EOC Solid Waste

- The EOC Solid Waste team has begun to work with the EOC PIO to establish a web page to address debris/waste issues as part of the EPA Hurricane Sandy website.
- The EOC Solid Waste team is working with R2, 3 and 4 to facilitate the disposal of untreated sewage sludge from the PVSC.
- The EOC Solid Waste team conducted the first Regional Debris/Waste Management Conference Call. This call will be occurring daily for at least the next two weeks.
- R1 and R3 indicated that there have been no debris/waste related requests for assistance from the states within their regions.

OECA Waivers:

Fuel Waivers and No Action Assurances as of 11/7/12:

Media/Action	Date of Action	Summary of Action
Increase Fuel Supply	11/7	<p>Multi-part request from Philadelphia Energy Solutions (PES) (formerly Sunoco Philadelphia refinery) for a waiver of various CAA stationary and mobile source requirements to increase production of diesel and gasoline that would not meet applicable fuel standard requirements. Specific request and EPA response, as follows:</p> <ul style="list-style-type: none"> • Making high sulfur diesel available to emergency responders. <ul style="list-style-type: none"> ◦ Response: PES following up with FEMA. • Increasing production of diesel fuel and gasoline through waiver of several non-federal air requirements. <ul style="list-style-type: none"> ◦ Response: PES following up with appropriate local air agency officials for 30-day administrative compliance agreement. • Waiver of limits on sulfur in gasoline. <ul style="list-style-type: none"> ◦ Response: Not being pursued by PES; waiver of sulfur limits would not increase fuel supplies. • Waiver of Jones Act. <ul style="list-style-type: none"> ◦ Response: PES following up with DOE.
Fuel Waiver Clarification – Product Transfer Documents	Pending	Morgan Stanley requested that EPA issue further clarification to the Oct. 31 fuel waiver to address certain contractual issues that are impeding the distribution of gasoline in the affected area.
No Action Assurance	11/2 and 11/5 for facilities in NJ, NY, MA and MD Pending for facilities in NH, CT, ME.	<p>Request from Independent Fuel Terminals Operators Association (IFTOA) to allow loading/unloading of fuel without vapor recovery controls at facilities in Portsmouth, NH and Revere, MA (Irving Oil Terminals); Chelsea MA, New Haven CT, and South Portland ME (Gulf Oil Limited Partnership); Revere, MA (Global Companies, LLC); Baltimore, MD and various NY/NJ ports (Kinder Morgan); and various Boston terminals. See, http://www.epa.gov/enforcement/air/documents/policies/mobile/naa-vaporrecovery.pdf for NJ and NY facilities. Subsequently extended to MD and MA. See, http://www.epa.gov/enforcement/air/documents/policies/mobile/naa-vaporrecoverymamd110512.pdf</p>
No Action Assurance	11/5	Request from Motiva for extension of vapor recovery NAA to allow loading of fuel in New Haven, CT for shipment to NY/NJ. See, http://intranet.epa.gov/oeca/oce/io/documents/naa/naa-motivanewhavenct.pdf
Fuel Waiver Clarification - Ethanol	11/5	Prepared a Q/A for the Oct. 31, 2012 multi-state fuel waiver clarifying that the waiver covers the requirement for ethanol blending. See, http://www.epa.gov/enforcement/air/fuel-waivers.html
No Action Assurance	11/2	Allows temporary fueling stations at 4 Motiva terminals in NY and NJ (to enable access by Motiva employees/contractors to repair damaged terminals). See, http://intranet.epa.gov/oeca/oce/io/documents/naa/naa-

		njfuelingstations.pdf
No Action Assurance	11/2 and 11/5	Addresses vapor recovery requirements at bulk gasoline loading and marine terminals in NY and NJ (to facilitate delivery of fuel to those areas). See, http://www.epa.gov/enforcement/air/documents/policies/mobile/naa-vaporrecovery.pdf . Subsequently extended to MD and MA. See, http://www.epa.gov/enforcement/air/documents/policies/mobile/naa-vaporrecoverymamd110512.pdf
Fuel Waiver	11/2	Concerns the use of diesel fuel for disaster recovery in states of New York and Pennsylvania. A waiver request from United Airlines to use jet fuel in ground support equipment at LaGuardia and JFK airports was submitted subsequent to this waiver. It has been determined that air port ground fleets are eligible under this waiver. See, http://epa.gov/enforcement/air/documents/fuelwaivers/nypa-fuelwaiver110212.pdf .
Fuel Waiver	11/1	Concerns the use of diesel fuel for disaster recovery in the state of New Jersey. See, http://epa.gov/enforcement/air/documents/fuelwaivers/nj-fuelwaiver110112.pdf
Fuel Waiver	10/31	Concerns the use of RFG in designated RFG Covered Areas in 16 states and the District of Columbia. See, http://epa.gov/enforcement/air/documents/fuelwaivers/multistate-fuelwaiver103112.pdf
No Action Assurance	10/31	Emergency diesel generator fueling provisions necessitated by Hurricane Sandy. See, http://www.epa.gov/enforcement/air/documents/policies/mobile/naa-njemergencygenerators103112.pdf
Water		
No Action Assurance	11/2	Allows discharge without an NPDES permit by the Army Corps of Engineers for work related to pumping water out of tunnels in NY and pumping water at sewage treatment plants in NJ. See, http://intranet.epa.gov/oeca/oce/io/documents/naa/naa-corpsnpdes.pdf
Provide Technical Assistance	Ongoing	Upon request from New Jersey DEP provide assistance in making the Passaic Valley and Middlesex County sewage treatment plants operational, as follows: 1) R2 has sent a senior engineer to each treatment plant to assess appropriate recovery steps; 2) R6 sent a senior waste engineer to R2 to bring experience gained during Katrina response; 3) R6 sent additional personnel today; 4) OCE/WED is coordinating with the Office of Water and the Water Environment Federation to provide additional storm recovery experience to R2.
Waste		
Provide Technical Assistance	11/6 - 7	Request from Passaic Valley Sewer Commission and Synargo (PVSC's waste transport/disposal contractor) to facilitate temporary disposal of non-hazardous (though odorous) untreated sludge in solid waste landfills in NY, KY, PA and GA. The volumes are estimated to be 1600 wet tons per day for landfilling and 100 wet tons per day for incineration for a period of up to six to eight weeks.

Facilitate Pesticide Import Process	10/31; 11/1	Worked with R1, 2, 3, & 4 to coordinate the timely processing of import shipments of pesticides originally scheduled to arrive at the ports of Newark, NJ and New York City but which were being re-directed to ports in Region 1 (Boston), Region 3 (Norfolk and Baltimore) and Region 4 (Savannah and Charleston). Worked with CTAC and CBP to identify the shipments being diverted to facilitate coordination among the regions and the brokers to ensure timely processing of those shipments.
Facilitate Donation of Pesticide Disinfectants for Clean-Up	10/31; 11/1 - 2	Worked with OPP, R2 and R5, and a company from Canada to facilitate the importation of disinfectant products being donated by the firm to aid in post-Sandy clean-up activities.

EOC Water Desk

- OW is working with EPA Regions to standardize the data summary tables for drinking water and wastewater. It is important to note that the time frame for having a complete data set is dependent on the data being provided by the impacted states.

New Jersey Water Impacts:

- In New Jersey, a majority of field operations were suspended due to adverse weather conditions. However, personnel were redistributed throughout the REOC to conduct telephonic surveys of drinking water and wastewater treatment facilities. Personnel also reviewed the data generated by the ASPECT missions to locate future areas of interest. Crews assigned to PVSC and MCUA continued to provide assistance to the facilities. The dive operations at MCUA were suspended due to diver fatigue from the previous operational period.
- The Clean Waters EPA ocean survey vessel completed a sampling event of coastal waters from Barnegat to Sandy Hook during the previous operational period. Sixteen sites were requested to be sampled by NJDEP approximately 1.5 miles off the coast of NJ. Samples will be analyzed by the DESA Microbiology Laboratory.
- Regarding the sludge issue for the Passaic Valley Sewerage Commission (PVSC), at the moment, barging liquid sludge to alternate locations is not a realistic option. PVSC is about to enter into a mobile dewatering contract with Synagro. Dewatering centrifuges will be used (8 with 2 in reserve). Dewatered primary sludge will begin to be produced by 11/15 or 11/16. In the interim, PVSC will store sludge on site. PVSC is currently producing 1.5 – 2 MGD and has approximately 40 MG of storage (e.g., in primary tanks). The contract, which is being developed, will last for approximately one month at a cost of approximately \$1.6 million.

New York Water Impacts:

- EPA met with the Department of Health in Rockland County, NY, regarding drinking water and wastewater facilities. The county has contacted all facilities and tracks the operational status of each, including those with advisories or outages. No assistance is necessary from EPA at this time. Likewise, EPA contacted the Westchester County, NY, Health Department to assess needs of drinking water and wastewater facilities. The county is maintaining and managing the status of all facilities and is in no need of assistance from EPA.

CONNECTICUT

Drinking Water in Connecticut – Current as of November 7		Population Served (total)
Total # Facilities (Declared Counties)	277 community systems	
EPA Assessed	0	n/a
<i>Total Currently Impacted</i>		n/a
Operational = 277		n/a
On Grid = 277	Generator = 0	Gravity Fed =
Boil Water Advisories = 33		n/a
Do Not Use = 0		n/a
<i>Non-Operational = 0</i>		n/a
<i>Flooded =</i>	<i>Power Loss =</i>	

Wastewater Treatment Systems in Connecticut – Current as of November 7		Population Served (total)
Total # Facilities (Declared Counties)	49	
EPA Assessed	0 (1 – technical assistance)	
<i>Total Currently Impacted</i>		
Operational = 49		n/a
On Grid = 49	Generator = 0 systems (3 pump stations)	
Bypassing 0	n/a	n/a
<i>Non-Operational</i>	0	n/a
<i>Flooded =</i>	<i>Power Loss =</i>	

NEW JERSEY

Drinking Water in New Jersey – Current as of 11/7/12 (as provided by NJDEP)		Population Served (total)
Total # Facilities - Community	612	9,000,000
EPA Assessed (cumulative)	<i>To be provided by data group overnight</i>	<i>To be provided by data group overnight</i>
Total Currently Needing Assistance*	50	1,815,000
Operational = 46		1,728,700
On Grid = 0	Generator = 35	Gravity Fed = 0
Boil Water Advisories = 11**		
Do Not Use = 0 identified today		
Non-Operational = 4		86,300

Flooded = not identified

Power Loss = 4

Wastewater Treatment Systems in New Jersey – Current as of November 7 (based on information provided by NJDEP)		Population Served (total)
Total # Facilities	179	
EPA Assessed (cumulative)	<i>To be provided by data group overnight</i>	n/a
Total Currently Impacted*	33	n/a
Operational = 31		n/a
On Grid = 0	Generator = 31	
Bypassing or not providing full secondary treatment	6	n/a
Non-Operational = 2		n/a
Flooded = 0	Power Loss = 2	

*NJDEP uses the term “Total Currently Needing Assistance.” We are seeking clarification from NJDEP.

**Facilities with Boil Water or Do Not Use Advisories are operational, but the source of power is unknown.

NEW YORK

Drinking Water in New York – Current as of 11/7/12 (based on information provided by NYDOH)			Population Served (total)
Total # Facilities (Declared Counties) Community	191		12,000,000
EPA Assessed (cumulative)	<i>To be provided by data group overnight</i>		<i>To be provided by data group overnight</i>
Total Currently Needing Assistance*	58		219,840
Operational = 33			210,640
On Grid = 0	Generator = 7	Gravity Fed = 0	
Boil Water Advisories = 23**			7,100
Do Not Use = 3**			43,240
Non-Operational = 25			9,200
Flooded = 5	Power Loss = 25		

Wastewater Treatment Systems in New York – Current as of November 7 (based on information provided by NYSDEC as supplemented by field assessments)		Population Served (total)
Total # Facilities (Declared Counties)	83	
EPA Assessed (cumulative)	<i>To be provided by data group overnight</i>	n/a
Total Currently Impacted*	24	n/a
Operational = 24		n/a

On Grid = 3	Generator = 21	
Bypassing or not providing full secondary treatment	12	n/a
Non-Operational = 0		n/a
Flooded = 0	Power Loss = 0	

* NJDEP uses the term “Total Currently Needing Assistance.” We are seeking clarification from NJDEP.

**Facilities with Boil Water or Do Not Use Advisories are operational, but the source of power is unknown.

EPA Region 2

- In New Jersey, a majority of the Hazmat Assessment Teams field assessments were discontinued during this reporting period due to safety issues associated with the storm.
- EPA met with representatives from Phillips 66, NJDEP, USCG, and NOAA to tour the site and discuss the facility’s preparation activities for the storm. The facility has staged an additional pump to remove water from the cemetery area to a reservoir which had been boomed off for containment purposes. It is recommended that federal and state coordination be increased to provide the responsible party (RP) with consistent guidance and information regarding response efforts. It is now reported that full operation will not be realized for another 3 weeks due to generator contamination from saltwater.
- On 11/7, the USACE is scheduled to assess potential storm-related impacts to the radioactively-contaminated Staten Island Warehouse site, which is part of the Former Utilized Site Remedial Action Program (FUSRAP) and is located in an environmental justice area. The assessment may be delayed until the week of 11/12 due to the impending storm. EPA coordinates with USACE on assessment and cleanup of FUSRAP sites.
- EPA continued to assess HHW and orphaned container needs in the five Boroughs of NYC. Work was ended early on 11/7 due to storm concerns. EPA participated in two back to back Debris Management conference calls with participants from the EPA, State Solid Waste programs and other consultants and advisors to EPA, concerning working the Debris issues. EPA was invited to meet with head of the USACE on 11/8 to discuss debris mission and responsibilities.
- Reconnaissance for HHW and orphan container pads continued in Nassau and Suffolk County coastal towns although work was ended early due to the predicted storm.
- EPA continues to distribute mold fact sheets in English and Spanish to Staten Island residents.
- Superfund site updates:
 - Gowanus Canal (NY) – No work conducted.
 - Newtown Creek (NY) – EPA and its contractor are finalizing the staging of recovered orphan containers. Containers are currently housing the containers at the

EPA remedial warehouse where they are being prepared for sampling and T&D coordination. The crew demobilized early due to the storm.

- Raritan Bay Slag (NJ) – Stabilization activities continued and preparation made to secure areas that may be affected by the impending storm.
- Zurbrugg Hospital (NJ) (removal) – Stabilization activities for a pile of asbestos-containing material should be completed by 11/9 and temporary measures are currently in place to maintain piles' covering.

- Dewatering operations of tunnels in Manhattan continue to have EPA oversight ,and the Brooklyn Battery, PATH train and the Montague tunnel are near completion. All other priority tunnels are complete.

- The Region 2 Common Operating Picture (COP) is now available on FlexViewer.

This display is constantly updated with response-related information. The COP located in the situation unit adjusts to the needs of the operations. FlexViewer is also being used as a data review source and for mapmaking.

	New Jersey Incidents		
	Number of Notifications to EPA		
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	4	127	131
Other	0	6	6
Haz	0	3	3
Operational Period Total	4	136	140

	New York Incidents		
	Number of Notifications to EPA		
Material Type	Reporting Operational Period	Previous Totals	Grand Totals
Oil	6	95	101
Other	0	11	11
Haz	0	0	0
Operational Period Total	0	106	112

Superfund Site Assessments

Superfund Site Assessments				
	Within Declared Counties	Assessed	Pending	Posing Potential Threat
Remedial Sites				
New Jersey	152	35	115	2
New York	40	8	32	2
Removal Sites				
New Jersey	83	83	0	1
New York	22	22	0	0

Regulatory Facilities:

Regulatory Program	Number of Facilities Contacted	Number of Facilities Reached	Report of Facility Releases
FRP	67	63	4
RMP	30	28	0
SPCC, Marinas & Other Oil	160	27	0
Total	257	118	4

RESOURCES

Personnel:

NUMBER OF DEPLOYED PERSONNEL to Impacted Areas: (will now reflect personnel supporting Region 2)

State/Location/Region	Current EPA Personnel In Field	Current Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2	30	30	51	39	150

NUMBER OF HEADQUARTERS PERSONNEL:

Headquarters	EPA Personnel	Contractor Personnel	Total
Total	30	3	33

EPA/Contractor Personnel Totals

Location	Totals
Region/State	150
HQ	36
Incident Total	180

FINANCE:

MISSION ASSIGNMENTS FOR REGIONS (only approved Mission Assignments are included):

State/FEMA #	Date	Amount	Purpose
Region 1			
Region 1 – 3353 EM-CT-EPA-01	10/28-11/26/12	\$30,000	Activate EPA ESF-10 at state EOCs and FEMA RRCC
Region 1 – MA-12102506-EPA-01	10/28-11/5/12	\$10,000	Activate EPA to RRCC and IMAT Amended to de-obligate funding on 10/31/2012
Region 3			
Region 3 –	10/28-	\$16,000	FEMA RRCC ESF-10 Desk Support

DE-12102505-EPA-01	11/5/12		
Region 2			
4086DR-NJ-EPA-01 (mod 1)	10/30- 12/10/12	\$300,000	NJ ROC Support/Assessment
4086DR-NJ-EPA-02	11/1– 11/30/12	\$300,000	NJ Drinking and wastewater assistance
4086DR-NJ-EPA-03	11/2-30/12	\$1,000,000	Technical assistance for environmental assessments
4086DR-NJ-EPA-04	11/2/12- 3/2/13	\$3,500,000	NJ Direct federal assistance for oil/hazmat field operations
NY-12102504-EPA-01	10/26- 11/1/12	\$5,000	NY FEMA RRCC ESF-10 Desk Support
4085DR-NY-EPA-01	11/1– 30/12	\$300,000	NY Drinking and wastewater assistance
4085DR-NY-EPA-02	10/28 - 11/10/12	\$400,000	NY ESF-10 EOC deployment and assessment assistance
4085-DR-NY-03	11/4– 12/1/12	\$1,500,000	NY Direct federal assistance for oil/hazmat field operations
4085-DR-NY-04	11/4 – 12/1/12	\$ 500,000	Technical Assistance to NY on environmental issues
TOTAL		\$7,861,000	

A more comprehensive separate summary matrix including descriptions of work done and to be done under each mission assignment is has been prepared through coordination with Region 2 and will be available later today.

MISSION ASSIGNMENTS FOR HQ:

FEMA #	Date	Amount	Purpose
District of Columbia	10/29 – 11/11/12	\$10,000	Deployment to NRCC to support ESF-10
TOTAL		\$10,000	